Contents of Volume 8

No. 1/2, June 1988

Analytical applications of immobilised proteins and cells (JMM 00248)
M. P. Coughlan, M. P. J. Kierstan, P. M. Border and A. P. F. Turner (Ireland & England) 1
Preparation and applications of immobilized microorganisms: a survey of recent reports (JMM 00256)
M. P. Coughlan and M. P. J. Kierstan (Ireland & England) 51
Methods of immobilization of microbial cells (JMM 00250)
J. Woodward (USA) 91
The uses and future potential of microbial hollow-fibre bioreactors (JMM 00257)
A. W. Bunch (England) 103

No. 3, July 1988

Protoplast isolation and regeneration and nuclear staining of mycoparasitic *Gliocladium* species (JMM 00258)
M. L. Seh and C. M. Kenerly (USA) 121
Evaluation of a hexane/isopropanol lipid solvent for analysis of bacterial phospholipids and application to chloroform-soluble Nuclepore (polycarbonate) membranes with retained bacteria (JMM 00259)
J. B. Guckert and D. C. White (USA) 131
Lipid solvent systems are not equivalent for analysis of lipid classes in the microeukaryotic green alga, *Chlorella* (JMM 00260)
J. B. Guckert, K. E. Cooksey and L. L. Jackson 139
Evaluation of selective media for isolation and enumeration of vibrios from estuarine waters (JMM 00261)
J. Bolinches, J. L. Romalde and A. E. Toranzo (Spain) 151
Analysis of lipids from a hydrothermal vent methanogen and associated vent sediment by supercritical fluid chromatography (JMM 00263)
G. U. Holzer, P. J. Kelly and W. J. Jones (USA) 161
Separation and quantification of cofactors from methanogenic bacteria by high-performance liquid chromatography: optimum and routine analyses (JMM 00267)
L. G. M. Gorris, C. van der Drift and G. D. Vogels (The Netherlands) 175

No. 4, August 1988

A screening method for bacterial corrosion of metals (JMM 00262)
A. Pedersen, S. Kjelleberg and M. Hermansson (Sweden) 191

Application of multidishes to the characterization of proteolytic psychrotrophs from raw milk (JMM 00264)
R. E. O'Connor, A. C. Hayward, K. N. Ewings and M.H. Symons (Australia) 199
Analysis of lipophilic pigments from a phototrophic microbial mat community by high performance liquid chromatography (JMM 00265)
A. C. Palmisano, S. E. Cronin and D. J. Des Marais (USA) 209
An improved medium for preparation of filterable *Escherichia coli* hemolysin (JMM 00266)
T. Ushijima, M. Takahashi and Y. Ozaki (Japan) 219
o-Nitrophenyl-β-D-galactopyranoside-urease-indole medium in the screening of enteric pathogens (JMM 00268)
M. C. Thaller, F. Berlutti and R. Pezzi (Italy) 227
Identification of bacteria by low molecular weight RNA profiles: a new chemotaxonomic approach (JMM 00269)
M. G. Höfle (FRG) 235

No. 5, September 1988

Characterization of the amino acids of antifungal peptides from *B. subtilis* by cold on-column injection capillary GC/MS (JMM 00270)
R. F. Arrendale, R. C. Gueldner, O. T. Chortyk and F. G. Crumley (USA) 249
A new freeze-drying method for the preservation of nitrogen-fixing and other fragile bacteria (JMM 00271)
K. A. Malik (FRG) 259
Long-term preservation of some *Rhodospirillaceae* by freeze-drying (JMM 00272)
K. A. Malik (FRG) 273
Pulse-labelling: a method for measuring microbial growth rates in the ocean (JMM 00273)
P. A. LaRock, J. R. Schwarz and K. G. Hofer (USA) 281
Detection of cellulolytic actinomycetes using cellulose-azure (JMM 00274)
M. A. Cresswell, R. W. Attwell and M. J. Dempsey (England) 299
Multi Fermentation Screening System (MFSS): computerized simultaneous evaluation of carbon dioxide production in twenty-four yeasted broths or doughs (JMM 00275)
F. Dunås (Sweden) 303

No. 6, November 1988

Identification of diverse bacteria grown under diverse conditions using pyrolysis-mass spectrometry (JMM 00276)
K. J. Voorhees, S. L. Durfee and D. M. Updegraff (USA) 315
Harvesting *Euglena gracilis* cells with a nontoxic flocculant (JMM 00277)
P. Gualtieri, L. Barsanti and V. Passarelli (Italy) 327
Characterization of *Salmonella* and possible interfering strains using GC profiling and factor analysis (JMM 00278)
A. C. Tas, G. Wieten, J. de Waart, L. Berwald and J. van der Greef (The Netherlands) 333
A modified purge-and-trap/gas chromatography method for analysis of volatile halocarbons in microbiological degradation studies (JMM 00279)
J. W. Cochran, M. V. Yates and J. M. Henson (USA) 347
Contents of Volume 8 355
Author Index 357
Subject Index 359